

Date: Tue, 25 Oct 94 04:30:27 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: List
Subject: Ham-Equip Digest V94 #390
To: Ham-Equip

Ham-Equip Digest Tue, 25 Oct 94 Volume 94 : Issue 390

Today's Topics:

 HT? HT? HT? HT? HT? HT?
 Photographs of Old Radios
 PLL for IC245-(E)
 Ramsey 40 meter for tech???
 RE:RE:800MHz amp (cellular)
 Scanner w/b mods...
 Ten Tec OMNI V/VI owners - HISS problem
 Zapping NiCads

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 24 Oct 94 17:35:40 -0500
From: parickj4560@cobra.uni.edu
Subject: HT? HT? HT? HT? HT? HT?

 Does anyone out here know of some good used 2 meter HT's or 2 meter
mobiles? I am hoping to spend around \$150. Finally, the radio needs the
"tones" to access the local repeater! thanks es 73's de N0ZYA

Date: Mon, 24 Oct 1994 22:42:52 GMT
From: borowski@spk.hp.com (Don Borowski)
Subject: Photographs of Old Radios

Just me (luxt@river.it.gvsu.edu) wrote:

: I am looking for either photographs of old radios or sites where I might
: find them. If you can help me out, I would greatly appreciate it.

You could buy one of the various collector's books. Marty and Sue Bunis have just updated theirs, to edition 3. It includes descriptions, dates, and approximate market values along with the photos. They cover examples from most of the US radio manufacturers before 1960.

For the specialist, there is "Philco Radio, 1928 - 1942" which has photos or illustrations from contemporary advertizing of all their radios produced during the period.

Donald Borowski WA6OMI Hewlett-Packard, Spokane Division
"Angels are able to fly because they take themselves so lightly."
-G.K. Chesterton

Date: 24 Oct 1994 16:07:12 GMT
From: dzlabing@email.tuwien.ac.at (Dietmar ZLABINGER)
Subject: PLL for IC245-(E)

I am looking for an PLL-IC for the IC 245 rig.
It has SC 3062 written on it.

Do you have any information how or where I can get this IC?

73 de Dietmar INTERNET: DZLABING@EMAIL.TUWIEN.AC.AT

Packet Radio: oe3dzw@oe3xsr.#oe3.aut.eu

Date: Mon, 24 Oct 1994 17:10:56 GMT
From: n1st@netcom.com (Michael L. Ardai)
Subject: Ramsey 40 meter for tech???

In article <383oin\$buk@jericho.mc.com> levine@mc.com writes:
-In article 17hu@yuma.ACNS.ColoState.EDU, greendot@lamar.ColoState.EDU (Robert Taylor) writes:
-Actually the Ramsey kit is not crystal controlled. It covers the entire
-40m band plus a little extra around the edges.

Actually, the transmitter **is** crystal controlled, with a two-position switch to select crystals (one is provided with the kit, probably 7040). The RX is "varactor" (actually a 1N4007 used as a varactor) tuned, and probably can be made to cover the entire band. You may want to use a 3- or 10-turn pot, however, to make it easier to tune.

/mike

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--
\|/      Michael L. Ardai      N1IST      Teradyne ATB, Boston MA
-*-----
/|\      ardai@maven.dnet.teradyne.com      n1ist@netcom.com
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Date: 24 Oct 94 12:56:00 GMT
From: MUENZLERK@CR.MSMAIL.UTHSCSA.EDU (Muenzler, Kevin)
Subject: RE:RE:800MHz amp (cellular)

Gary Coffman Writes:

>> MUENZLERK@CR.MSMAIL.UTHSCSA.EDU (Muenzler, Kevin) said:
>>
>>>Even if you could find one, you wouldn't want use it. Your cellular
phone
>>>is low power (<3 watts) to prevent it from interfering with other cells.
>>
_>My Nokia bag phone is rated at 6 watts. Most of the "mobile" cell phones
_>and some of the handhels give the full legal limit of six watts according

_>to my local Cellular 1 provider. Most of the handhels are only 3 watts
or
_>less.

_The legal limit for mobile and bag cellular phones is *3 watts*. If your
_salesperson told you otherwise, they were just being a salesman, IE they
_were *lying*. Handheld units are limited by law to 0.6 watt.

_Antenna gain can boost the ERP of either to a higher level, but output
_power is Federally regulated.

_Gary

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--
_Gary Coffman KE4ZV      |      You make it,      |
gatech!wa4mei!ke4zv!gary      |
_Destructive Testing Systems |      we break it.      | emory!kd4nc!ke4zv!gary
_534 Shannon Way      |      Guaranteed!      | gary@ke4zv.atl.ga.us
_Lawrenceville, GA 30244      |
```

I'll take credit for the first paragraph but I didn't write the next one
(Nokia Bag Phone.) The bit about the salesman telling you that your phone
is > 3 watts is true. Cellular phones, no matter what kind, brand, color,

— —

Date: 24 Oct 94 19:35:28 GMT
From: mac@cis.ksu.edu (Myron A. Calhoun)
Subject: Zapping NiCads

mack@ncifcrf.gov (Joe Mack) writes:

>da884@cleveland.Freenet.Edu (David Toste) writes:

>>What's the best way of giving back life to somewhat dead NiCads??

>>There's away of Zapping them with a Capacitor, but how? What Type and what
>>voltage.

>If the NiCad is dead because a whisker has shorted out the plates
>then you are supposed to be able to revive it by discharging a cap
>through it, by burning out the whisker. However I've had no success....

I ** HAVE ** had TEMPORARY success, but it seems to take a combination
of high(er) voltage and current to burn up those shorts.

I charge a BIG (50,000 microfarads?) capacitor to about 40 volts
with a quick-and-dirty little power supply and then discharge that
capacitor through individual cells (if possible) or entire packs.
I can oftentimes "fix" a cell that was dead-shortened so that it
seems to take and hold a reasonably charge.

But it also seems that such "fixed" cells seem to regrow their short,
so, most of the time, it is a temporary fix.

--Myron.

--

Five boxes preserve our freedoms: soap, ballot, jury, witness, and cartridge.
Myron A. Calhoun, PhD EE; Assoc. Prof. (913) 532-6350 work, 532-7353 fax
Amateur packet radio: W0PBV@N0ARY.#NOCAL.CA.USA.NOAM 539-4448 home
NRA Life Member and Certified Instructor (Home Firearm Safety, Rifle, Pistol)

Date: 24 Oct 1994 20:27:11 GMT
From: scott@lvld.hp.com (Scott Turner)

References<9410171816.aa00738@blkbbox.COM> <384693\$gd3@hplvec.lvld.hp.com>,
<dgfCxz7G2.Iso@netcom.com>
Subject: Re: Amateur Radio Trader

David Feldman (dgf@netcom.com) wrote:

: In article <384693\$gd3@hplvec.lvld.hp.com> scott@lvld.hp.com (Scott Turner)
writes:

: >The organization is, I think, its greatest strength and advantage over

: >the Ham Trader Yellow Sheets. It's much bigger than the Yellow Sheets,

: I'm not entirely certain the organization is an unqualified advantage;
: people often list several unrelated things in one ad (for example, a
: Drake and a Ten-Tec), and choose one classification. This might cause
: something to be overlooked. I have been searching forever for an ICOM
: IC-402 transceiver (hint hint) and I end up reading all of the
: classifications searching for one, not just ICOM UHF or ICOM WANTED.

I'd have to agree that the organization can be a two-edged sword. In general I see it working well for major for-sale items, and less well for the ham who has a junk box full of stuff to sell. I guess it depends on the seller being willing to buy space for two ads if s/he has two "big" things for sale.

I still like it. Too often, I've missed things on first pass going through the yellow sheets that would be easy to find if they were better organized. I guess I'm really saying that I applaud the Trader's attempt to bring order to chaos :-)

Good luck David on finding that IC-402. Afraid I can't help you on that one.

Scott Turner KG0MR scott@hpsla.LVLD.HP.COM

Date: Mon, 24 Oct 1994 13:18:24 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)

References<94100921505400104@g4udt.demon.co.uk> <37bpdtp6i@hpscit.sc.hp.com>,
<386nqo\$6m8@nova.np.ac.sg>
Reply-To: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Re: TH-79A mods wanted!!!

In article <386nqo\$6m8@nova.np.ac.sg> s2202629@np.ac.sg (Teh Aik Wen) writes:
>In article <37bpdtp6i@hpscit.sc.hp.com>,
>Mark Butterworth <mark@sj.hp.com> wrote:
>

>>: Why the eagerness to extend TX and RX beyond the range covered by your
>>: licence? As far as Tx is concerned, it is very risky as if your radio
[snip]

>I'm new to this amateur radio, and I'm still in the persuit of my licence
>(s'pore licencing isn't exactly the most convinient)
>

>But I was wondering: IF you did such mod to your HT, as well as a extended
>TX mod, and in the event of an emergency, it should be ok to xmit on 'out

>of band' freqs isn't it? (That is, if it _is_ an emergency).

>

>And having read some other places, I have come across one point, and it was
>supposedly an amateur is to be 'prepared'.

No, that's the Boy Scouts, and a Boy Scout could transmit out of band
in a real emergency too. The amateur license doesn't **ever** grant that
authority, it's just that **any** person in distress has that **innate**
authority, and an amateur is still considered a person in most respects.

>But is it illegal to own/possess a rig that can get out of band (even though
>you don't use it on out of band freqs).

It's not illegal (yet) in the USA, but if I understand Singapore
regulations correctly, it **is** illegal there to possess a transmitter
capable of transmitting out of band.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		emory!kd4nc!ke4zv!gary
534 Shannon Way		Guaranteed!		gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244				

Date: Mon, 24 Oct 1994 18:54:38 +0000

From: John@jgarrett.demon.co.uk (John Garrett)

References<782071274snz@jgarrett.demon.co.uk> <37n8g5\$a00@netnews.upenn.edu>,
<3867q6\$g4l@elna.ethz.ch>

Reply-To: John@jgarrett.demon.co.uk

Subject: Re: Spilsbury portable HF gear

In article <3867q6\$g4l@elna.ethz.ch>

rs@chopin.ife.ee.ethz.ch "Rolf Sommerhalder" writes:

> I just inquired the Swiss rep of Spilsbury some 2 weeks ago
> about a HF-modem product from Spilsbury. He came back to
> me that Spilsbury was sold to Racal this summer

True. Now Racal Canada but still making and selling the SBX-11A
low power HF SSB rig that I want for an expedition to use. Also
the fax modems for HF use, SkyFax 1200.

Sounds like business as usual. Their international sales guy is
Ralph, VE7RIG. Nobody has told him that they're not selling
Spilsbury gear any more :-)

Ralph's telephone number is (604) 254-6474 extn 305
fax number (604) 254-2080

Good luck,
73

John

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-----  
|      John Garrett      | john@jgarrett.demon.co.uk |  
| Tel (work):+44 1473 644 280 | Compu$erve: 100064,1370 |  
| Fax (work):+44 1473 644 604 |      G3RHP @ GB7MXM      |  
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End of Ham-Equip Digest V94 #390
